

IMMERSION TYPE MEMBRANE FILTER DEVICE

Patent number: JP2000189958 (A)
Publication date: 2000-07-11
Inventor(s): SUZUKI TATSUHIKO; KOBAYASHI YUKIO +
Applicant(s): MAEZAWA KOGYO +
Classification:
- **international:** B01D61/18; B01D65/02; C02F1/44; B01D61/18; B01D65/00; C02F1/44; (IPC-7): B01D61/18; B01D65/02; C02F1/44
- **europaen:**
Application number: JP19980372468 19981228
Priority number(s): JP19980372468 19981228

Abstract of JP 2000189958 (A)

PROBLEM TO BE SOLVED: To provide a solid-liquid separator and the washing method for restraining growth of a cake layer on a separation membrane surface which is a factor for lowering a transmission flow flux and effectively remove the grown cake layer. **SOLUTION:** The separation membrane is held in a protective cylinder 4 having an opened port at the lower edge, and having a water passing port 45 on the upper part side face, and the upper edge of a flow path inside the membrane of the separation membrane is opened on the upper end of the protective cylinder 4 to connect to a separated liquid discharge tube 9, and also the upper end part of the protective cylinder 4 is fixed to a suspending frame 7 of the protective cylinder 4 provided so as to enable to move vertically with respect to a solid-liquid separation tank 3, and a cylinder 6 being a driving means for vertically oscillating the suspending frame 7 of the protective cylinder 4 is provided on the upper part of the solid-liquid separation tank 3.



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